BRUHAT BANGALORE MAHANAGARA PALIKE

YELAHANKA ZONE

DIVISION: BYATARAYANAPURA

SUB DIVISION: VIDYARANYAPURA

Name of Work: *Estimate for Providing Chain Link Fencing and Blasting Rock, Leveling and Filling at Kuvempunagara 1st Stage Burial Ground in Ward No. 11 Vidyaranyapura, Vidyaranyapura Sub Division.*

Estimated Cost: Rs. 20.00 Lakhs

BRUHAT BANGALORE MAHANAGARA PALIKE

YELAHANKA ZONE

Name of work: Estimate for Providing Chain Link Fencing and Blasting Rock, Leveling and Fi..ng at Kuvempunagara 1st Stage Burial Ground in Ward No. 11 Vidyaranyapura, Vidyaranyapura Sub Division.

			Estimate Cost Rs.						2000000.00
Sl No	**Description of item**	**Unit**	**No**	**L**	**B**	**D**	**Qty**	**Rate**	**Amount**
1	KSRB 2-1.1: Earth work in surface excavation in **ordinary soil** for leveling and lowering the ground manually (other than foundation of buildings, culverts, road drains and trenches of pipe line and cables) and removing the excavated stuff to a distance not exceeding 50m and lift upto 1.5m, excavated surface leveled and neatly dressed, disposed earth to be leveled after breaking of clods and neatly dressed as per specifications, Specification No KBS 2.1(a) / 2.3.1, **No. 5/ Item No. 2.1/ PWD SR 2013-14**	Cum							
			1	84.00	55.00	0.25	1155.00		
							1155.00	126.36	**145946.00**
	Basic Rate	117.00							
	Area Weightage @ 8%	9.36							
	Total	**126.36**							
2	KSRRB 300-1. Earth work excavation by manual means in hard soil involving an average horizontal throw upto 2 meters and an average lift upto 0.5m, excavated surface leveled and sides neatly dressed, the disposed earth to be leveled neatly after breaking of clods complete as per specifications complete as per specifications MORTH chapter 3. **Page No. 152 / Item No. 19.2/ PWD SR 2013-14**	cum							
	For Chain Link Fencing Foundation		2	84.00	0.75	0.65	81.90		
			2	55.00	0.75	0.65	53.63		
							135.53	90.72	**12295.00**
	Basic Rate	84.00							
	Area Weightage @ 8%	6.72							
	Total	**90.72**							
3	KSRB 4-1.3 : Providing and laying in position plain cement concrete of **mix M7.5 with OPC cement @ 180 kgs with 40mm** and down size graded granite metal coarse aggregates @ 0.85cum and fine aggregares @ 0.57 cum machine mixed, concrete laid in layers not, exceeding 15cms, thick, well compacted, in foundation and plinth, including cost of all materials, labour, HOM of machinery, curing complete as per specifications. Specification No. KBS 4.1,4.2. **No. 12/ Item No. 4.3/ PWD SR 2013-14**	Cum							
	For Chain Link Fencing		2	84.00	0.75	0.15	18.90		
			2	55.00	0.75	0.15	12.38		
							31.28	4290.84	**134196.00**
	Basic Rate	3973.00							
	Area Weightage @ 8%	317.84							
	Total	**4290.84**							

Sl No	Description of item	Unit	No	L	B	D	Qty	Rate	Amount
4	KSRB 5.2-4 : Providing and constructing granite / trap / basalt size stone masonry in **foundation with cement mortar 1:6**, stone hammered dressed in courses not less than 20 cms high, bond stones, at two m. apart in each course including cost of materials, labour, curing complete as per specifications. KBS 5.1.13 **PWD SR 2013-14 (P.25/I.5.6)**	Cum							
			2	84.00	0.75	0.45	56.70		
			2	55.00	0.75	0.45	37.13		
							93.83	3549.96	**333075.00**
	Basic Rate	3287.00							
	Area Weightage @ 8%	262.96							
	Total	**3549.96**							
5	KSRB 5.3-3 : Providing and constructing granite / trap / basalt size stone masonry in **basement with cement mortar 1:6**, edges of stones chistle dressed in courses not less than 15 cms high, bond stones at two m. apart in each course including cost of materials, labour, curing complete as per specifications.KBS 5-1.13 **Page No. 26/ Item No. 5.9/ PWD SR 2013-14**	Cum							
			2	84.00	0.45	0.45	34.02		
			2	55.00	0.45	0.45	22.28		
							56.30	4227.12	**237966.00**
	Basic Rate	3914.00							
	Area Weightage @ 8%	313.12							
	Total	**4227.12**							
6	KSRB 4-1.7 : Providing and laying in position **plain cement concrete of mix M10 with OPC cement @ 220 Kgs with 20mm** and down size graded granite metal coarse aggregates @ 0.84 cum and fine aggregates @ 0.56 cum machine mixed, concrete laid in layers not exceeding 15cms, thick, well compacted, in foundation, plinth and cills, including cost of all materials, labour, HOM of machinery, curing complete as per specifications, specification. No. KBS 4.1,4.2. **No. 13 / Item No. 4.7 / PWD SR 2013-14**	Cum							
			2	84.00	0.45	0.10	7.56		
			2	55.00	0.45	0.10	4.95		
							12.51	4737.96	**59272.00**
	Basic Rate	4387.00							
	Area Weightage @ 8%	350.96							
	Total	**4737.96**							
7	KSRB 15.1.1: Providing flush pointing to square rubble, course or uncoursed stone masonry with cement mortar 1:3, 20 mm deep, after raking joints to depth of 20mm nicely lining, including cost of materials, labour, curing complete as per specifications. **Page No. 122 / Item No. 15.1 / PWD SR 2013-14**	Sqm							
			2x2	84.00		0.45	151.20		
			2x2	55.00		0.45	99.00		
							250.20	79.92	**19996.00**
	Basic Rate	74.00							

Sl No	Description of item	Unit	No	L	B	D	Qty	Rate	Amount
	Area Weightage @ 8%	5.92							
	Total	**79.92**							
8	KSRRB M300-53: Construction of embankment with approved material gravel/murrum with all lifts and leads, transporting to site, spreading, grading to required slope and compacting to meet requirement table 300-2 complete as per specifications. (which includes cost of gravel/murrum, watering charges & compaction by vibratory roller) **MORTH specification No. 305, No. 159 / Item No. 19.60 / PWD SR 2013-14**	Cum							
	For Leveling the Park		1	84.00	55.00	0.25	1155.00		
							1155.00	166.32	**192100.00**
	Basic Rate	154.00							
	Area Weightage @ 8%	12.32							
	Total	**166.32**							
9	Supplying and fixing M.S Rectangular poles made out of 2 equal angles of 65x65x6 mm welded to gether and fixed in CC (1:2:4) WITH 2 NOS 16mm dia M.S. hold fast rods each of length 25 cms. Including cost of all materials cutting, bending scaffolding wherever necessary, nicely finishing the welded joints with all lead and lift and as per the directions of the Engineer-in-charge of the work and including providing 2 coats of approved quality paint over one coat of shop painting. (excluding cost of earth work and concrete) **PWD SR 2013-14 (P. 270 / I. 37.2)**	m							
			35	2.10			73.50		
			35	2.10			73.50		
			23	2.10			48.30		
			23	2.10			48.30		
							243.60	1098.36	**267560.00**
	Basic Rate	1017.00							
	Area Weightage @ 8%	81.36							
	Total	**1098.36**							
10	Providing and fixing M.S. Block pipe of 38mm dia, of heavy guage of 14 including removing the bends, cutting the pipe, and fixing pipe in between the two vertical poles (M.S. rectangular poles) and spot welding the chain link with M.S. block pipe including cost of all materials, wastage in cutting, and scaffolding wherever necessary with all lead and lift as directed by the Engineer-in-charge of work etc. complete including two coats of approved quality paint over one coat of shop paint **PWD SR 2013-14 (P. 265 / I. 37.4)**	m							
			3x2	84.00			504.00		
			3x2	55.00			330.00		
							834.00	299.16	**249499.00**
	Basic Rate	277.00							
	Area Weightage @ 8%	22.16							
	Total	**299.16**							

Sl No	Description of item	Unit	No	L	B	D	Qty	Rate	Amount
11	Providing chain link fencing 50mm size of 8 guage properly stretched between rectangular poles and fixed with suitable bolts & nuts, the free ends shall be welded to the pole and block pipe at to and bottom as required including cost of all materials, labour, lead and lifts, cutting, bending wherever necessary, wastage and lapping etc complete as per direction of the Engineer-in-charge of work including two coats of approved quality paint over one coat of shop paint. **PWD SR 2013-14 (P. 270 / I. 37.3)**	Sqm							
			2	84.00		1.50	252.00		
			2	55.00		1.50	165.00		
							417.00	656.64	**273819.00**
	Basic Rate	608.00							
	Area Weightage @ 8%	48.64							
	Total	**656.64**							
12	Lead for Disposal of Debris shall be payable at carriage rates by Mechanical means inlcuding loading and unloading. From 0.00 to 2.00 Km (Page No.123)	Cum							
	Average weight of earth 1.28 tonne / kg for 2X1.20X2.00=12.00	4.80		Vide Item No. 1+2			709.79	72.36	**51360.00**
	Add loading and unloading Vide item no.17.1 P.no.141	62.20							
		67.00							
	Area Weightage @ 8%	5.36							
	Total	**72.36**							
13	For Third Part QC Inspection Charges @ 1% of Estimate Cost								**20000.00**
14	Miscesallaneous Charges	L/S							**2916.00**
								Total	**2000000.00**

Technical Sanction for Rs. 20.00 Lakhs only
Twenty Lakhs only
197 / 13-14
No: 197 / 13-14 Dt: 23-12-13
AEE
EE (STP Div.)

(Rupees Twenty Lakhs Only)

CERTIFICATE :

1 The work spot has been inspected and the work is found necessary.
2 This estimate is prepared as per C.S.R. of PWD 2013-14.
3 The provisions were made in this estimate are necessary and adequate.
4 This works come under B.B.M.P. limits.

Assistant Engineer

Assistant Executive Engineer
Bruhat Bangalore Mahanagara Palike
Vidyaranyapura Sub Division

ADMINISTRATIVELY SANCTIONED FOR Rs 20.00 Lakhs
Rupees Twenty Lakhs only
Under

Executive Engineer
Bruhat Bangalore Mahanagara Palike
Byatarayanapura Division

Registration No. ... Subject to conditions contained in enclosed memo EE ( ) No. ... Dt. ... Expenditure restricted to Rs. ...
Addl Comm (W2) AS / 694 / 13-14 dated 26/12/2013. 20.00 lakhs

Addl Commissioner
(Yelahanka Zone)
BBMP, Bengaluru-92

152 - BYATARAYANAPURA AC
WARD NAME : 11 - KUVEMPU NAGAR

INDEX

- PROPOSED WARD BOUNDARY
- RIVER/ DRAIN
- RAILWAY LINE
- ROAD

ಸಹಾಯಕ ಕಾರ್ಯಪಾಲಕ ಅಭಿಯಂತರರು
ವಿದ್ಯಾರಣ್ಯಪುರ ಉಪ ವಿಭಾಗ
ಯಲಹಂಕ ವಲಯ,
ಬೃ. ಬೆಂ. ಮ. ಪಾ. ಬೆಂಗಳೂರು-97